

What is claimed is:

1 1. An active-matrix organic light emitting diode
2 display, comprising:

3 an organic light emitting diode;

4 a first driving transistor, connecting an anode of
5 the organic light emitting diode and a first
6 driving voltage having a first waveform.

7 a second driving transistor, connecting an anode of
8 the organic light emitting diode and a second
9 driving voltage having a second waveform.

10 a switch transistor, connecting and switching the
11 first and second driving transistors, wherein
12 the first waveform and the second waveform are
13 complementary to alternatively drive the
14 organic light emitting diode.

1 2. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the first driving
3 transistor, the second driving transistor and the switch
4 transistor are Thin Film Transistors (TFTs).

1 3. The active-matrix organic light emitting diode
2 display as claimed in claim 1 further comprising a
3 capacitor providing a driving voltage to enable the first
4 and second driving transistors.

1 4. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the first waveform
3 and the second waveform are alternatively complementary
4 square waves.

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1 5. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the peak of the
3 first waveform is equal to the second waveform.